



**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 1 -- Catchment Information**

Subwatershed: Bear Branch

Location of Catchment Centroid on ADC Map: Year: 2001 Page: 4 Grid: F5

State Plane Coordinates of Outfall Location: X: 1351835 Y: 518536

Closest Road Intersection to Outfall: Laurel Place and Catalpa Street

Outfall SDI ID or Outfall Description: 55109; storm drain endwall outfalling to Laurel Lakes

Objective: Demonstration / Impairment(s) (Sheet 1) \_\_\_\_\_

Drainage Area (ac): 1.81 Impervious Area (ac): 1.36

Percent Impervious: 75% Soil Recharge Factor (S): 0.13

WQ<sub>v</sub> (required): 0.109 Re<sub>v</sub> (required): 0.014

Predominant Land Use: commercial Mean Depth to Ground Water: 1-2ft

Sanitary System:  Septic  Municipal Sewer Water Supply:  On Site Well  Public Water

**Storm Drainage System Within Catchment**

Piped: 100% Open Channels: 0%

Area Drained by System: 100%

Location in Catchment:  Headwaters  Middle  Lower  All

Open Channel Lining- Vegetation: \_\_\_\_\_ Riprap: \_\_\_\_\_ Concrete: \_\_\_\_\_ Other: \_\_\_\_\_

**Existing IMP(s) / BMP(s)**

SDI ID: 85127A Type (number from Sheets 4 & 5): 16 Age: 17

Closest Road Intersection to IMP / BMP: Laurel Place and Cherry Lane

Catchment Area Treated (ac) : 1.81 Percentage Catchment Treated: 100%

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

SDI ID: \_\_\_\_\_ Type (number from Sheets 4 & 5): \_\_\_\_\_ Age: \_\_\_\_\_

Closest Road Intersection to IMP / BMP: \_\_\_\_\_

Catchment Area Treated (ac) : \_\_\_\_\_ Percentage Catchment Treated: \_\_\_\_\_

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

SDI ID: \_\_\_\_\_ Type (number from Sheets 4 & 5): \_\_\_\_\_ Age: \_\_\_\_\_

Closest Road Intersection to IMP / BMP: \_\_\_\_\_

Catchment Area Treated (ac) : \_\_\_\_\_ Percentage Catchment Treated: \_\_\_\_\_

WQ<sub>v</sub> Provided:  YES  NO Re<sub>v</sub> Provided:  YES  NO C<sub>p</sub> Provided:  YES  NO

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)**  
**FORM 1 -- Catchment Information** (concluded)

**CATCHMENT SUMMARY**

WQ<sub>v</sub> (provided): \_\_\_\_\_

Re<sub>v</sub> (provided) : \_\_\_\_\_

Area Treated (ac): \_\_\_\_\_

Impervious Area Treated (ac): \_\_\_\_\_

Area Treated (%): \_\_\_\_\_

Impervious Area Treated (%): \_\_\_\_\_

**Comments**

---

---

---

---

---

---

---

---

---

---

## UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS) FORM 2 -- Site Information

Site Name: Don Pablos Mexican Kitchen Address: 14600 Laurel PlaceSite Owner: Laurel Lakes Associates, Inc.State Plane Coordinates of Site Centroid: X: 1351872 Y: 518341 Date: 5/22/03Personnel: PM Weather: cloudy, 65F degArea (ac): 0.94 Impervious Area (ac): 0.8Percent Impervious: 85% Soil Recharge Factor (S): 0.13WQ<sub>v</sub> (required): 0.06 Re<sub>v</sub> (required): 0.008Property Area (ac): 1.96 Property Area Included in Site: 48 %Amount of Catchment Occupied by Site: 52 %

### Storm Drainage System Within Site

Piped: 100% Open Channels: 0% Area Drained by System: 100%Open Channel Lining - Vegetation: 0% Riprap: 0% Concrete: 0% Other: 0%

### Existing IMP(s) / BMP(s) (Identified on Page 1, FORM 1, Catchment Information)

SDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  PoorSDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  PoorSDI ID: \_\_\_\_\_ Condition:  Excellent  Good  Average  Fair  Poor

### Site Information

Type of Pavement:  Bituminous  Concrete  Gravel  Grid Pavers  Other \_\_\_\_\_Pavement Condition:  Excellent  Good  Average  Fair  PoorUnderdrains can be easily directed to existing storm drains or daylighted:  YES  NOGutter/Exterior Downspouts Present:  YES  NORoof Connected Directly to Storm Drain:  YES  NORoof Drains onto Impervious Surface:  YES  NOObvious Existing Drainage Problems:  Extensive  Moderate  Average  Limited  NoneSteep Slopes Present:  Extensive  Moderate  Average  Limited  NoneExisting Landscaping:  Extensive  Moderate  Average  Limited  NoneMature / Specimen Trees:  Extensive  Moderate  Average  Limited  NoneArea Available for Aboveground BMPs:  Extensive  Moderate  Average  Limited  NoneExisting Cover of Potential Aboveground BMP Locations:  Grass  Landscaped  Gravel  Other Pervious  
 Pavement  Other Impervious

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 2 -- Site Information (concluded)**

**Commercial / Institutional**

Islands Present:  YES  NO

Curb Present Around Island:  YES  NO

Ground Level of Island Relative to Pavement:  Above  Equal  Below

Island Landscaping:  Impervious  Bare Earth  Gravel  Grass  Mulch  Herbaceous Plants  Shrubs  
 Trees (<2 in. DBH)  Trees (2 - 6 in. DBH)  Trees (>6 in. DBH)

Trees have sufficient spacing to allow IMPs  YES  NO

Parking area that can be directed to potential treatment area with little grading: 100%

SITE SUMMARY	
WQ <sub>v</sub> (provided) :	Re <sub>v</sub> (provided):
Area Treated (ac) :	Impervious Area Treated (ac):
Area Treated (%) :	Impervious Area Treated (%):

**Photographs**

- |               |   |
|---------------|---|
| No. <u>19</u> | Description: <u>looking south along west side of site</u>           |
| No. <u>18</u> | Description: <u>looking east along north side of site</u>           |
| No. <u>20</u> | Description: <u>looking at roof drains on west side of building</u> |
| No. <u>21</u> | Description: <u>looking north along west side of site</u>           |
| No. <u>22</u> | Description: <u>looking east along south side of site</u>           |
| No. <u>23</u> | Description: <u>looking north along east side of site</u>           |
| No. <u>24</u> | Description: <u>looking west along south side of site</u>           |
| No. <u>25</u> | Description: <u>looking southwest at building</u>                   |
| No. <u>26</u> | Description: <u>looking south along east side of property</u>       |
| No. <u>27</u> | Description: <u>looking west along north side of property</u>       |

**Comments** Gude Park could be used for treatment.

---



---



---



---



---

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 2 -- Site Information**



18



19



20



21



22



23

**UPPER PATUXENT RIVER WATERSHED RESTORATION ACTION STRATEGY (WRAS)  
FORM 2 -- Site Information (concluded)**



24



25



26



27